

Environmental Program

FIRE MANAGEMENT

BBA-ENP-1000-1400-0006

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Operational Control Tables

Table OCO 6.1 Fire Management

1. Purpose and Scope

This Environmental Program describes Fire Management measures to minimise the impact of the design and construction of the Gunns pulp mill.

This Environmental Program forms part of the Bell Bay Alliance (BBA) Construction Environmental Management Plan (CEMP) and must be read in conjunction with the CEMP.

2. Objectives

1. No unplanned fires within the construction areas.
2. Planned fires remain controlled and undertaken in accordance with site specific burn plans.
3. Protect and maintain biodiversity values and natural environment.
4. Protect assets, including machinery and infrastructure.

3. Targets

1. Unplanned fires contained before significant impact on biodiversity values or assets.

4. Regulatory and Contractual Requirements

Refer to:

- CEMP Appendix B – Environmental Legislation Register
- CEMP Appendix C – Approvals Matrix
- CEMP Appendix D - Environmental Licences Register
- CEMP Appendix F – Environmental Commitments
- CEMP Environmental Obligations Register: GNS-OBL-1000-1400-001.

In particular, the following requirements are relevant:

- *Environmental Management and Pollution Control Act 1994*
- *Forest Practices Act 1985*
- *Threatened Species Protection Act 1995.*

5. Technical Documents

The following background studies, research documents and assessments have been used to identify the key environmental aspects:

Reference	Document Title
http://www.gunnspulpmill.com.au/iis/	Bell Bay Pulp Mill Draft IIS and Appendices

The following technical documents have been used to assist in identifying appropriate operational controls:

Availability	Document Title
Forest Practices Authority	Forest Practices Code

6. Key Issues

Clearing and construction activities have the potential to both directly and indirectly cause fires. The main issues relating to unplanned fires are:

- Fire causing damage to native vegetation, including sensitive sites;
- Fires causing damage to assets, including machinery, infrastructure, buildings etc; and
- Fires causing damage to pasture/ managed vegetation and possible livestock injuries/deaths.

7. Operational Controls

Environmental outcomes to be achieved include:

- Adequate equipment and procedures to respond to any fire events; and
- In the event of an unplanned fire, rapid and coordinated deployment of responsible personnel and equipment.

The operational controls for management of fire during design and construction are set out below.

Table	Title
OCO 6.1	Fire Management

The operational controls include requirements and responsibilities for:

- Consultation
- Design of permanent works

- Design of temporary works
- Construction activities
- Commissioning and handover.

8. Site Environmental Plans

- Refer to SEP Register.

Site Environmental Plans (SEPs) detail practical environmental management measures to be implemented at specific worksites to minimise potential impacts of construction activity on the environment and community. They are designed to provide more site specific detail than is included in the Environmental Program and Operational Control tables.

The information contained in the SEPs is presented in tabular drawing format. This is to make them easy for use by all BBA site personnel, consultants and subcontractors.

The controls set out in the SEPs are drawn from the Environmental Programs.

9. Contingency Management

The environmental risk assessment has identified the following circumstances which could occur outside normal operating conditions:

- Start of an unplanned fire.

If these circumstances occur, the following contingency measures will be implemented:

- Implement the fire procedures described in OCO 6.1.

10. Evaluating Performance

The Operational Controls, together with the SEPs are used as the basis for evaluating performance.

Refer to:

- CEMP Appendix I – Internal Environmental Audit Schedule.
- CEMP Appendix J – External Environmental Audit Schedule.

Environmental Checklists are used for evaluating performance.

Refer to:

- BBA-CKL-1000-1400-006A Fire Management.

11. Reporting

Refer to:

- CEMP Appendix K – Environmental Reporting Program